



UTC Power

A United Technologies Company

Comments on Zero Emission Bus Regulations

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Zero Emission Bus

Fuel cell buses are needed

80% CO₂ reduction by 2050 depends on near-zero emission technologies.

Remarks by the President at the National Academy of Sciences Annual Meeting

FCVs reduce GHGs by 50% or more compared to gasoline vehicles.

CARB Low Carbon Fuel Standard

Fuel cell buses can address NO_x and other emissions, particulates, GHGs and noise.

Supporting market entry for fuel cells of all kinds advances U.S. energy efficiency, job creation and technology development.



Zero Emission Bus

84% prefer to ride the fuel cell bus

CT Trans survey



AC Transit

85% were very positive/positive of the program

75% Quieter

70% of respondents had an improved opinion of the city

63% smoother

CT Transit

90% Quieter

82% Better acceleration

82% Better braking

81% Riding has changed my opinion of the technology

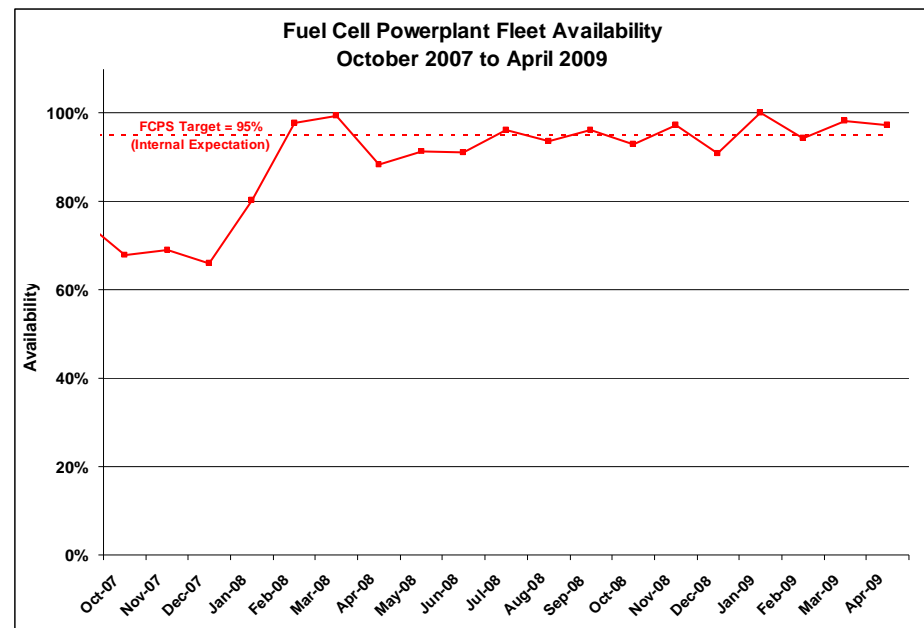
AC Transit and Center for Transportation and the Environment and Breakthrough Technologies Institute, funded through out the FTA's NFCBP. Published in spring of 2009. Each bus carried 85K passengers March 06-Oct.08. Over 278K passengers in total in that period.

August 27, 2008, the marketing department of CTTRANSIT handed out a passenger survey to gather input on acceptance and awareness of the Fuel Cell Bus. The FCB was operated on the A-Asylum/Hillside route. There were 79 surveys completed, which is an estimated 80% of the total ridership for the run.

Zero Emission Bus

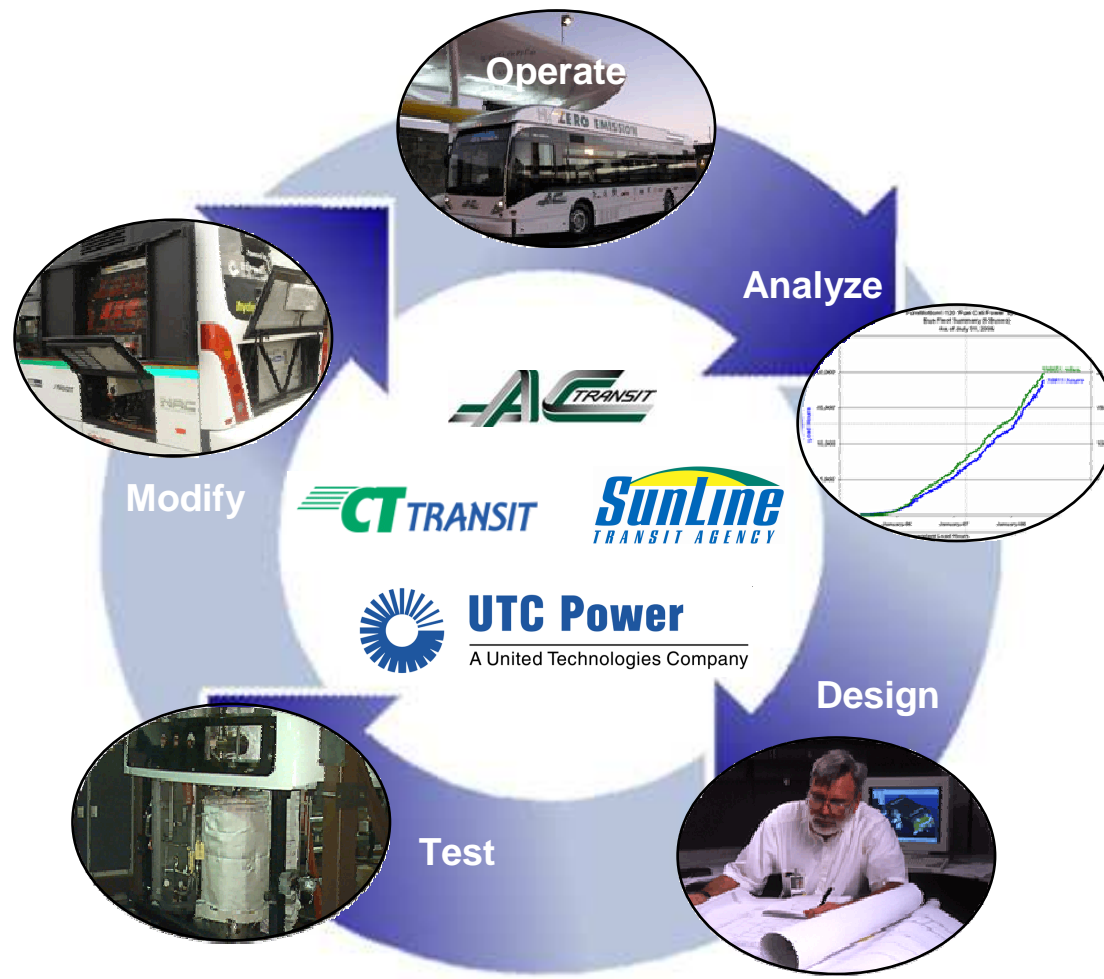
Fuel cell availability is on track

Fuel cell power plant availability is at commercial target (95%)



Zero Emission Bus

The product demonstrations should continue



Zero Emission Bus

Regulations should encourage investment

Supplier investment and development lead times require:

- Certainty
- Consistency
- Time to prepare

